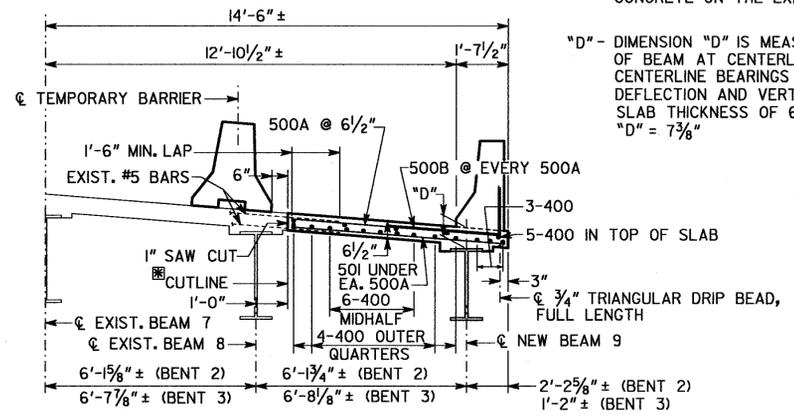


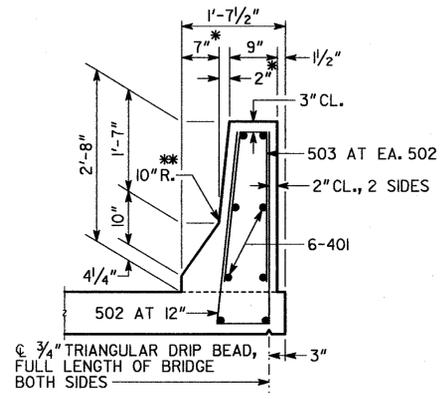
⊗ - CARE SHALL BE EXERCISED IN REMOVAL IN ORDER TO MAKE THE CUT VERTICAL. EXISTING REINFORCEMENT SHALL EXTEND A MINIMUM OF 1'-6" INTO NEW SECTION. NON-CONTACT LAPS WILL BE ALLOWED. CONCRETE SCALE AND RUST SHALL BE REMOVED FROM EXISTING REINFORCEMENT BARS BEFORE NEW CONCRETE IS PLACED. EPOXY BONDING COMPOUND SHALL BE USED BETWEEN NEW AND EXISTING CONCRETE ON THE EXISTING VERTICAL SURFACE.

* TAPERS TO 0" AT END POST
 ** AT CONTRACTOR'S OPTION, 10" RADIUS MAY BE REPLACED BY STRAIGHT INTERSECTING SLOPES.

"D" - DIMENSION "D" IS MEASURED FROM TOP OF SLAB TO TOP OF BEAM AT CENTERLINE BEARING. VARY "D" BETWEEN CENTERLINE BEARINGS TO COMPENSATE FOR DEAD LOAD DEFLECTION AND VERTICAL CURVE. MAINTAIN A CONSTANT SLAB THICKNESS OF 6 1/2".
 "D" = 7 3/8"

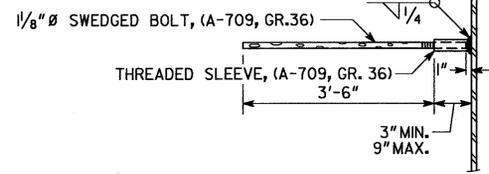


SECTION AT SLAB

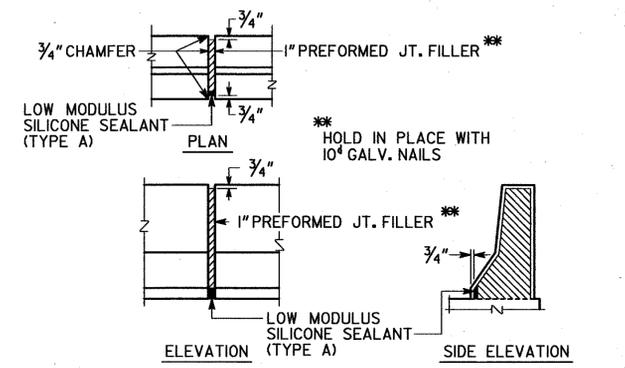


△ BARRIER DETAIL

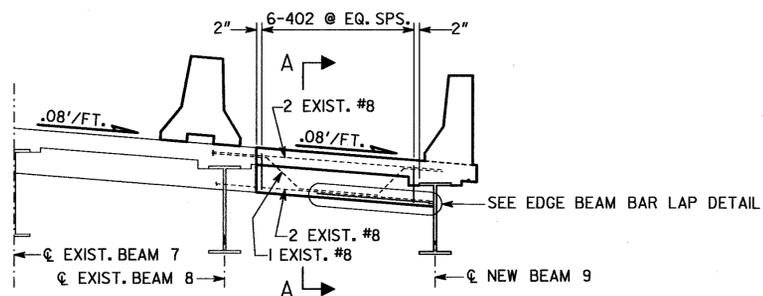
NOTE: COST FOR SUPPLYING AND INSTALLING SLEEVE AND BOLT TO BE INCLUDED IN PRICE BID FOR STRUCTURAL STEEL.



EDGE BEAM BAR LAP DETAIL

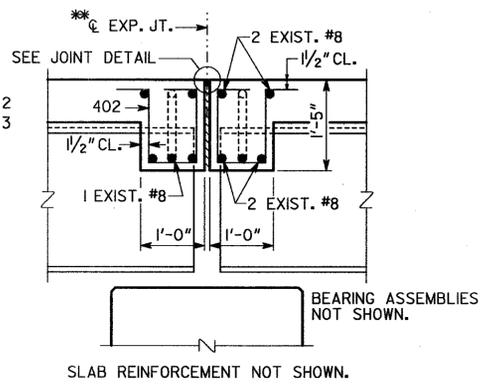


DETAILS OF 1' EXPANSION JOINT IN BARRIER

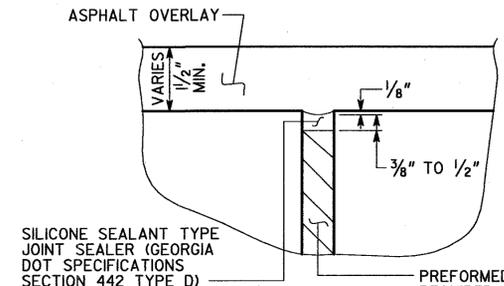


SECTION AT EDGE BEAM BENT 2 AND 3

** - 1/4" EXP. JT. AT BENT 2
 3/4" EXP. JT. AT BENT 3



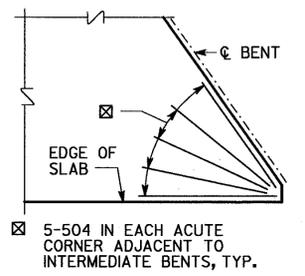
SECTION A-A



JOINT DETAIL

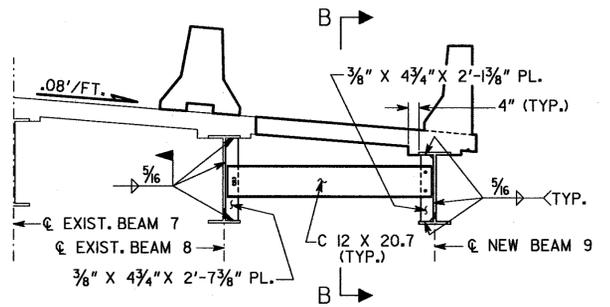
JOINT RESEALING NOTES

1. JOINT RESEALING SHALL BE IN ACCORDANCE WITH SECTION 461 OF THE GEORGIA DOT SPECIFICATIONS, EXCEPT THE COST SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR CONTRACT ITEMS.
2. JOINT LOCATIONS SHALL BE PREMARKED PRIOR TO OVERLAYING WITH ASPHALT.
3. PREFORMED JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.01 OF THE GEORGIA DOT SPECIFICATIONS.

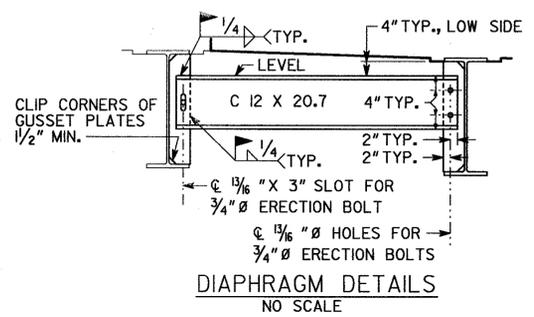


⊗ 5-504 IN EACH ACUTE CORNER ADJACENT TO INTERMEDIATE BENTS, TYP.

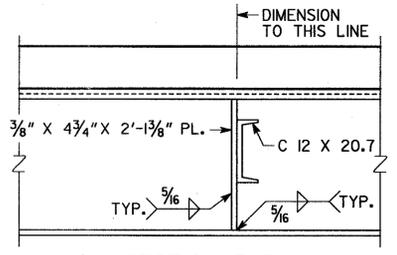
SKEWED CORNER DETAIL



SECTION AT DIAPHRAGM



DIAPHRAGM DETAILS NO SCALE



△ SECTION B-B NO SCALE

DATE		6-3-02	
REVISIONS		PER AMENDMENT	
BRIDGE NO. 1			
GEORGIA DEPARTMENT OF TRANSPORTATION PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN			
BEAM REPLACEMENT - SUPERSTRUCTURE DETAILS S.R. 247 OVER HOUSTON ROAD			
BIBB COUNTY		STP-M001-00(951)	
NO SCALE		APRIL 2002	
DESIGNED SWW	CHECKED DLC	REVIEWED MCD/JPT	APPROVED PVL
DRAWN WMC	DESIGN GROUP SWW		

BRIDGE SHEET
4 OF 5